Converting Colors

RGB(120, 195, 173)

Have a look what the booklet for RGB(120, 195, 173) contains.

Color

RGB(120, 195, 173)

Conversions

Conversions Part 1

Format	Color
Hex	78C3AD
RGB	120, 195, 173
RGB Percent	47%, 76%, 68%
CMY	0.5294, 0.2353, 0.3216
CMYK	0.38, 0.00, 0.11, 0.24
HSL	162°, 38%, 62%
HSV	162°, 38%, 76%
XYZ	34.8037, 46.0404, 46.5875
YIQ	170.0670, -37.6380, -22.7420

Conversions

Conversions Part 2

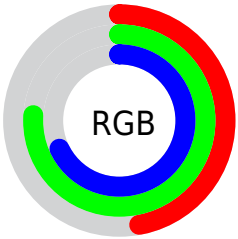
Format	Color
RYB	120, 164, 195
Decimal	7914413
CIELab	73.57, -28.37, 3.73
CIELCh	74, 28.618, 172.517
Yxy	46.0404, 0.2731, 0.3613
Android (android.graphics.Color)	4286104493 (0xFF78C3AD)
YUV	170.0670, 1.4460, -43.9088
Hunter-Lab	67.8531, -27.1855, 6.7890

Details

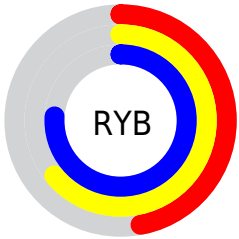
The RGB color 120, 195, 173 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 195, 120, 142, and the grayscale version is 170, 170, 170.

A 20% lighter version of the original color is 175, 252, 228, and 66, 141, 121 is the 20% darker color. If you saturate the color by 10%, you get 100, 195, 167, and if you desaturate by 10%, it is 139, 195, 179.

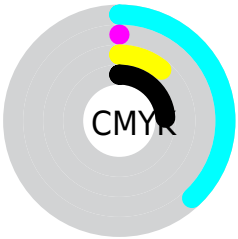
Distribution



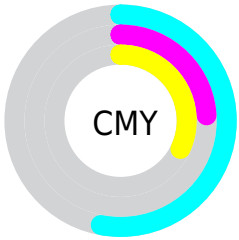
- Red (47%)
- Green (76%)
- Blue (68%)



- Red (47%)
- Yellow (64%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 195, 173 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 120, 195, 173 by changing the saturation by 10% instead.

120, 195, 173

255, 255, 255

175, 252, 228

203, 255, 255

232, 255, 255

120, 195, 173

93, 168, 146

66, 141, 121

38, 115, 96

0, 90, 72

0, 66, 50

0, 43, 29

0, 21, 3

0, 0, 0

120, 195, 173

120, 195, 173

100, 195, 167

81, 195, 162

62, 195, 156

42, 195, 150

23, 195, 144

3, 195, 139

0, 195, 138

139, 195, 179

159, 195, 184

179, 195, 190

198, 195, 196

218, 195, 202

237, 195, 207

255, 195, 213

255, 195, 219

255, 195, 224

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

149, 192, 148

120, 195, 173

102, 195, 200

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

120, 195, 173

176, 176, 229

225, 168, 140

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

120, 195, 173

195, 120, 142

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

234, 162, 162

120, 195, 173

208, 168, 213

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

120, 195, 173

138, 185, 232

228, 162, 188

206, 177, 129

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

120, 195, 173

103, 193, 215

228, 162, 188

230, 166, 146

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

120, 195, 173

222, 252, 244

143, 195, 120

110, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

120, 195, 173

136, 252, 218

120, 180, 195

87, 97, 94

0, 161, 114

0, 33, 23

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

195, 120, 142

252, 136, 170

195, 135, 120

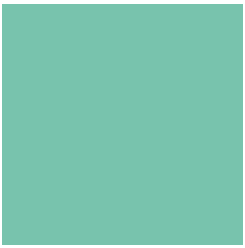
97, 87, 90

161, 0, 47

33, 0, 10

Previews

White Background

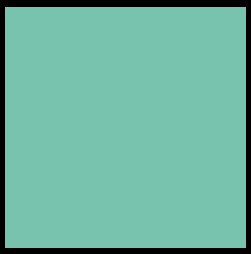


This preview shows how the RGB color 120, 195, 173 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



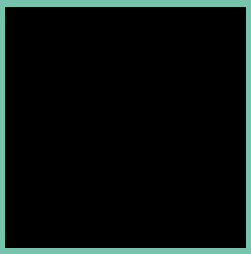
This preview shows how the RGB color 120, 195, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 120, 195, 173 Background



This preview shows how black text looks on a background with the RGB color 120, 195, 173.

This preview shows how white text looks on a background with the RGB color 120, 195, 173.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

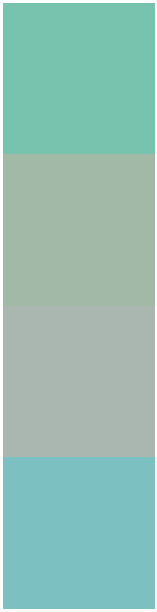
Original Color
120, 195, 173

Protanopia
187, 179, 164

Deuteranopia
198, 174, 177

Tritanopia
128, 190, 206

Trichromacy



Original Color
120, 195, 173

Protanomaly
163, 185, 167

Deuteranomaly
170, 182, 176

Tritanomaly
125, 192, 194

Monochromacy

Original Color
120, 195, 173

Achromatopsia
170, 170, 170

Achromatomaly
152, 179, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 195, 173 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(120, 195, 173) looks like.

```
.text, #text, p{
    color:rgb(120, 195, 173)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(120, 195, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 195, 173) }
```

Border

The CSS property to change the border of an element to RGB 120, 195, 173 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 195, 173) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(120, 195, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(120, 195, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 195, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 195, 173); box-shadow:4px 4px 4px 4px rgb(120, 195, 173) }
```

Background

The CSS property to change the background color of an element to RGB 120, 195, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(120, 195, 173) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(120,
195, 173) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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